

Youtao LU

International Research Center for Neurointelligence, WPI Initiative

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Employment

July. 2022 – **The University of Tokyo**, Tokyo, Japan
 International Research Center for Neurointelligence, WPI Initiative
Project Researcher
 • Advisor: Sho Tsuji & Reiko Mazuka

Education

Sept. 2016 – **Brown University**, Providence, RI, US
 May 2022 **Ph.D.** in Cognitive Science
 • Advisor: James Morgan
 • Dissertation: Homophones: A Cross-Linguistic Perspective
 Committee: James Morgan, Roman Feiman, Stephen Lupker (UWO)

Aug. 2012 – **Tsinghua University**, Beijing, China
 Jun. 2016 **B.A.** in English Language and Literature
 • Thesis with Distinction: *The Lexical Bias Revisited: A Longitudinal Study of L1 Acquisition of Mandarin Chinese* (Advisor: Xiaolu Yang)
B.A. in Economics

Manuscripts

Lu, Y., & Morgan, J. (in prep). A cross-linguistic investigation of the commonality of homophones and its consequence in spoken word recognition

Lu, Y., Ishikawa, M., Gohlke, M., Zapata-Fonseca, L., Isomura, T., Froese, T., & Tsuji, S. (in prep). Gaze crossing experiment: a new paradigm to investigate real-time infant-adult interaction

Publications

Lu, Y., & Morgan, J. (2020). Homophone auditory processing in cross-linguistic perspective. *Proceedings of the Linguistic Society of America*, 5(1), 529–542. <https://doi.org/10.3765/plsa.v5i1.4733>

Peer-Reviewed Conference Presentations

Lu, Y., Ishikawa, M., Gohlke, M., Zapata-Fonseca, L., Isomura, T., Froese, T., & Tsuji, S. (2024). Gaze crossing experiment: a new paradigm to investigate real-time infant-adult interaction. Budapest CEU Conference on Cognitive Development (BCCCD) 2024. January 4-6, Budapest, Hungary (poster).

Garcia, R., **Lu, Y.**, & Boll-Avetisyan, N. (2023). Limits of variability in infant phonotactic acquisition: A study on the sonority sequencing principle. Many Paths to Languages (MPaL) 2023. October 25-27, Nijmegen, Netherlands (poster).

Lu, Y., Ishikawa, M., Gohlke, M., de Araujo, E., Boutris, P., Tsuji, S., & Mazuka, R. (2023). Examining the concurrent effect of contingency on word learning in Japanese and French 13-month-olds. *Many Paths to Languages (MPaL)* 2023. October 25-27, Nijmegen, Netherlands (poster).

Lu, Y., & Morgan, J. (2022). Task effects in lexical decision: disentangling the effects of feedback activation and

mutual inhibition. *The 96th Annual Meeting of the Linguistic Society of America*. January 6-9, Washington, DC, USA (talk).

Lu, Y., & Morgan, J. (2021). Homonyms and homophones in spoken word recognition. *AMLaP 2021: Architectures and Mechanisms for Language Processing*. September 2-4, Paris, France (short talk).

Lu, Y., & Morgan, J. (2020). Homophone Auditory Processing in Cross-Linguistic Perspective. *The 94th Annual Meeting of the Linguistic Society of America*. January 2-5, New Orleans, LA, USA (talk).

Lu, Y., & Morgan, J. (2019). Cross-Linguistic Homophone Auditory Recognition. *AMLaP 2019: Architectures and Mechanisms for Language Processing*. September 6-8, Moscow, Russia (poster).

Lu, Y., & Morgan, J. (2018). Too To Two – Homophones in Cross-Linguistic Perspective. Ambigo2018: Workshop on Ambiguity – Theory, Development, and Processing. July 4-6, Göttingen, Germany (poster).

Lu, Y., & Yang, X. (2015). The Lexical Bias Revisited: A Longitudinal Study of L1 Acquisition of Mandarin Chinese. *The 3rd China International Conference of Psycholinguistics*. November 14-15, Nanjing, China (talk).

External Invited Talks

2023 *Language Acquisition Lab, Department of Foreign Languages and Literatures, Tsinghua University*, Beijing, China, August 3 (Online).

2019 *Laboratory for Language Development, RIKEN Center for Brain Science*, Wako, Saitama, Japan, June 12.

Awards & Grants

2023 - 2025 Grant-in-Aid for Scientific Research (KAKENHI), Research Activity Start-up, Japan Society for the Promotion of Science (JSPS).

- Ambiguities in children's language input and linguistic/communicative disambiguating cues: a comparison between Japanese and French. (23K18644)
- Annual direct cost allowance: JPY 1,100,000

2021 Peter D. Eimas Graduate Research Award, Department of CLPS, Brown University

- Prize: USD 1,500

Teaching Experience

Summer 2023 **Co-lecturer**, Global Unit Courses, The University of Tokyo

- Early Language Acquisition (30 students, Instructor: Sho Tsuji)

Spring 2022 **Teaching Assistant**, Department of CLPS, Brown University

- CLPS0800: Language and Mind (49 students, Instructor: James Morgan)

Fall 2021 **Graduate Teaching Assistant**, Department of CLPS, Brown University

- CLPS0300: Introduction to Linguistics (85 students, Instructor: Pauline Jacobson)

Spring 2020 **Teaching Assistant**, Department of CLPS, Brown University

- CLPS0800: Language and Mind (56 students, Instructor: James Morgan)

Fall 2019 **Graduate Teaching Assistant**, Department of CLPS, Brown University

- CLPS0300: Introduction to Linguistics (94 students, Instructor: Uriel Cohen Priva)

Spring 2019 **Teaching Assistant**, Department of CLPS, Brown University

- CLPS2908: Multivariate Statistical Techniques (5 students, Instructor: Bertram Malle)

Fall 2018 **Graduate Teaching Assistant**, Department of CLPS, Brown University

- CLPS0300: Introduction to Linguistics (78 students, Instructor: Scott AnderBois)

Spring 2016 **Undergraduate Teaching Assistant**, Department of Foreign Languages and Literatures, Tsinghua University

- Undergraduate Thesis Training (142 students, Instructor: Xia Wu)

Service

Jan. 2017 – **Student Coordinator**, department-wide seminar series on linguistics (Ling Lang Lunch)

May 2020

- Plan seminar talks, coordinate with invited speakers and local faculty/students
- Manage funding
- Run the seminar website

Mar. 2017, **Volunteer**, Brain Week Rhode Island

2018, 2021

- Present short lectures on language and cognition to a general audience

Nov. 2016 **Student Coordinator**, Southern New England Workshop in Semantics

- Organize presentations and coordinate with presenters

Jul. 2014 **Volunteer**, Tsinghua University English Summer Camp

- Coordinate with invited English-speaking teachers and volunteers
- Organize in-class and extracurricular activities